

**ADDENDUM NO. 1**

**ISSUED 04-26-21**

**MAIN FIREHOUSE FACILITY**

**HARRISON FD**

**PROJECT No. 2020-04**

This addendum is hereby made part of the Contract Documents dated April 1, 2020 to the extent as though it was originally included therein. All costs reflected by this addendum shall be included in the contract price.

**PROJECT ADMINISTRATION ITEMS**

**(applies to all bidders/trades):**

1. The bid due date remains as **Tuesday May 6th, 2021 by 4:00pm**. All bids shall be delivered by the responsible contractor as outlined in the Project Manual 'Notice to Bidders'.
2. Owner will be responsible for all permit and tap fees.
3. There is no material containing asbestos on site.

**GENERAL CONSTRUCTION (GC)**

1. Door labelled E-109 does not have a vision panel.
2. Refer to attachment "**SK-1**" for typical door vision panel dimensions.
3. Refer to attachment "**SK-2**" for door 105 sidelite configuration.
4. Refer to attachment "**SK-3**" for window detail associated with room 202-B.
5. Kawneer doors 107 and 108 are to have 1" tempered, insulated glass, with clear glass. Frames to be clear anodized.
6. General note #4 on A-6 is to read "Door frame w/ **vision panel**. Provide 1-hr glass in **vision panel**".
7. Door E-106 is an existing door, whose vision panel is not changing. Per general note #1, this and all other existing doors and frames are to be scraped, repaired, primed and painted.
8. Door 217 is a double door, with uneven panel widths, measuring 36" and 30". Door is to utilize hardware set no. 3, while 30" leaf is to have door latches top and bottom.
9. The roof shingles specified in specification section 07300.0100 are Hatteras style shingles, by Certainteed.
10. The existing sewer main is to remain in place.
11. Mirrors in bathroom areas are to be ¼" float glass, triple-silver plated with electro-copper-plated layer, infrared cured paint backing and ploy glaze protective finish. Frame to be formed rolled steel with bright annealed finish.

Mirror sizes are as follows:

Room 102-E = 40x55"

Room 111 (A+B) = 40x55"

Room 107	= 40x55"
M-2 (A+B)	= 36x62"
Room 216 =	= 24x62"
Room 210 (A+B)	= 80x62"

### MECHANICAL (MC)

1. Mechanical drawings date is to match the architectural set date of 04-01-2021.
2. Provide and install an electric unit heater within the basement water service room. Qmark/Marley catalog number CWH1101DSAF.
3. Route hydronic piping within basement as indicated within basement as indicated within attached sketch "MSK-1".
4. Provide an additional hydronic loop off boiler B-1 within basement. (total of 3 zones on this boiler). See revised hydronic riser diagram.
5. EXP-1 selection shall be revised to Taco model CX-42.
6. Route hydronic piping within north apparatus bay as indicated within attached sketch "MSK-2".
7. Relocate ERV-1 as indicated within attached sketch "MSK-2".
8. CUH-3 shall be relocated to the east closet wall within the first-floor lobby.
9. Provide UVC light kits with shielding baffles within ducted return plenums of FC's 1, 2 and 3. Lennox model UVC-24V.
10. Route hydronic piping within south apparatus bay as indicated within attached sketch "MSK-3".
11. Add (5'-6") radiator beneath window in second floor bailout. Runtal ModelR2F-2. Extend P-5 zone piping to connect to new radiator. See revised hydronic riser diagram.
12. All PTAC's shall be revised to Islandaire model EZPD07A6G-S46-B.
13. EXP-2 selection shall be revised to Taco model CX-30.
14. Replace sheets M-16 and M-17 with revised hydronic riser diagram.
15. The head, gpm and connection sizes shown on the pump schedule shall match the revised hydronic riser diagram.
16. Revise CUH-3 model to CW003 with high capacity 2-row coil.
17. Revise 8" Duravent in boiler schedule options to 4".
18. Revise hydronic pump models to the models indicated below:
  - P-1: Taco 0013
  - P-2: Taco 009
  - P-3: Taco 0013
  - P-5: Taco 0011
  - P-6: Taco 009
  - P-7: Taco 009
19. Quantity count for AP-1 and AP-2, within the Air purifier schedule on M-8, should read "1". Thus there are (2) total, as shown on the plans.
20. Section 15556H of the specification for cast iron boilers is not being utilized. All information for the boiler can be located on drawing M-8

21. Alternate: Where it is found that the existing hydronic piping to be reused is not of equal or greater size than what is indicated within the riser diagram, all piping shall be replaced with the sizes indicated, as a change order using unit pricing.

### **ELECTRICAL (EC)**

1. Electrical drawings date is to match the architectural set date of 04-01-2021.
2. Drawing E-0 has been reassigned to E-1. The E-1 items were reassigned to be E-2 & E-2.1.
3. The electrical contractor is responsible for the removal of the existing generator.
4. See attached specification for the 150kW generator
5. Electrical contractor will be responsible for providing all overhead wire wrap, and protection for work along Fremont Street. GC shall be responsible for roadwork along Fremont Street.
6. Electrical contractor to provide empty conduit for control wiring of the mechanical equipment.
7. UPS is to be supplied by the owner. Power to and from to be provided by electrical contractor.
8. KP1 wiring is existing to basement. Reconnect to new panel in basement same location. LP2A is an existing feeder to be “replaced” panel 2PPI.
9. 2LP1 provide a feeder and panel located on second floor in storage rm. Include (10) 20a, 120v, spare breakers.
10. The layouts for existing fixtures located on E-10 are to remain. All existing lighting are to be replaced with new fixtures as noted in the symbol legend with the same “E”.
11. The wall mounted fixture shown in Janitor closet 209-C is to be a Lithonia clx 124 1500 lumen.
12. See sketch “**ESK-2**” for roof lighting plan.
13. All fixtures are stand alone zones. E-9 lighting legend
14. There are no emergency lighting with generator.
15. The letter “E” on the lighting fixtures indicated existing lighting fixtures.
16. Remove/replace all fixtures marked with an “E” for existing to be replaced.
17. See addendum “**ESK-2**” for lighting legend missing symbol.
18. Addition of two ceiling mounted electric pull down reels within the new apparatus bay. Provide KH Industries #RTBB3LW-WW-P12F. 12/3 cord with plug to match vehicles.
19. Provide add/alternate for 200kW generator in lieu of 150kW generator.
20. Bailout area to include two additional cameras. One within the room and one within the bailout area.
21. Include a camera for the interior elevator.
22. Provide five additional cameras within apparatus bay area and gear area. (see sketch ESK-1).
23. Replace power panel within stage area and refeed lighting circuits to remain.

24. Plan sheet E-13 revised to show roof lighting. Include switch at roof hatch (see sketch of ESK-2).
25. All bathroom exhaust fans shall be controlled by occupancy sensors and relay for respective systems. Provide one additional relay pack to control fan.
26. Provide (1) 20a, 120v/1ph circuit to power elec. Heater in water room on basement panel.
27. Revise existing panel LP-1 to 225a/3ph panelboard.
28. Boiler pumps circuits revised and circuit to panel locations on "**ESK-3**".
29. Each bathroom shall require an additional power pack/relay for the fan operation with the lighting. Programmed to remain on for a preset duration.
30. All occupancy sensors within the apparatus aby shall be of the low temp/high humidity type.

### **FIRE ALARM (FA)**

1. Fire alarm drawings date is to match the architectural set date of 04-01-2021.
2. The fire alarm drawings FA-1 thru FA-8 depicted on drawing 0-0 were added to dropbox on 04/20/2021.

### **PLUMBING (PC)**

1. Plumbing drawings date is to match the architectural set date of 04-01-2021.
2. The utility company will be responsible with providing utilities up to the property line. Plumbing contractor shall provide from the property line to the building.
3. The service main and backflow preventer are 6"
4. Plumbing contractor is responsible for the heated enclosure. Safe-T-cover 600TM-AL with heater. Removable access both sides.
5. Refer to "**PSK-1**" for roof drain plumbing riser diagram
6. Shower Spec is as follows: Shower is to be tile built.  
Contractor is to include the following:
  - a. A shower drain (JR Smith 200 series)
  - b. A shower body. Cast iron brass valve body, washerless 47mm ceramic disc valve cartridge with volume control, temperature control, screwdriver stops, and hot limit safety stop. Pressure balancing cartridge maintains constant output temperature in response to changes in relative hot and cold supply pressure and avoids failure due to mineral deposits. Trim shall be polished chrome and include minimum 2.5 gpm flow restricted adjustable spray shower head, chrome metal lever handle, chrome plated brass wall escutcheon and shower arm. American Standard or equal valve body model no. R125ss, and trim model no. T000.501

### **FIRE SPRINKLER (FS)**

1. Fire Sprinkler drawings date is to match the architectural set date of 04-01-2021.

2. Attic sprinkler layout has been modified to provide two lopped dry systems and eight-foot head spacing. (See attached FSSK-1). Two additional heads added.
3. Branch wet pipe to dry valves shall be increased to 4”.

**(END OF ADDENDUM NO. 1)**